Work Orde	er ID 108235 11:13:22 AM		*108	235*						Page 1
Revision ID:	D4092-041	, (Accept	*N90	0040	100)* s	Setup Star	1.71	S1*
	Maintenance Step Assembly 10/08/13 Start Qty: 4.00 10/08/13 Req'd Qty: 4.00	*4* *4*		Cust Iter Custome			,		* *N;	S2* /
Approvals:	Process Plan: ML丁	Date: 13-10-10	Tooling:		Date:		F	Run Star Sto	!/	R1*
	QC:	Date:	SPC (Y/N):		Date:			Sto	*N	R2*
Sequence ID/ Work Center II	Operation Description		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr									
D4092	В									40
100	Pick Kit		0.00				_]] 3
100 Packaging Packaging	Memo		0.00				<u>3x</u>			13/11/20
110 /	,		0.00				> .			12/1
110 Small Fab	Memo Assemble as Torque scre	per Dwg ws up to 15-25 in- lbs	0.00				34		. <u></u> -	BINIE
120 *12 0 *	QC5- Inspect part compl	eteness to step on W/O	DAS 27 0.00 9-89				3			
QC Ouality Control	Мето		0.00 13/11/	50					· · · · · · · · · · · · · · · · · · ·	

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											DQA:	Date:	
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Part N	lo			- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-		Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root	<u> </u>	Т			Descri	ption of work order update		nitial	Λct	tion	Sign &		· · ·
Cause	م ا	ate	Step	Qty		or Non-conformance	ı	ief Eng		ription	Date	Verification	QC Inspector
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	⊢		t Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
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	⊢	at Treat			ļ	Countersink	\vdash	Mislabe		<u></u>	Positioned V		-
	—		Strip in	Tube		Cut Too Short		Misread	i		Power Loss/	Surge	Other
	$oldsymbol{eta}$	ples in I				Drill Holes		Offset					
	Tor	que Wa	aves in E	xtrusio	n	Drawing		Out of (Calibration				

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Finish

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0.00

Packaging

Packaging

110

Quality Control

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QC

Memo

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QC21- Final Inspection - Work Order Release

Insp.

Page 2

									DQA:	Date:	
NCR: Y	es / N	0			WORK ORDER NON-C	ONFOR	MANCE / UP	DATE	QA Closed:	Date:	
Mard: Oada	<u>.</u>				DISPOSITION			AGAINST D	EPARTMENT		
Work Orde Part N	. ,				Rework Scrap		Skid-tube Machining	Crosstube Small Fab	Pro	Water Jet	Engineering Quality
NCR N	<u> </u>			 	Use-as-is Work Order Update		noforming Large Fab	Finishing Composite	-1	re/Packaging Supplier	Other
Root				Descri	ption of work order update	Initial	Ac	tion	Sign &		
Cause	Dat	e Step	Qty	(or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector
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Unapproved	<u> </u>		<u> </u>	<u> </u>		AULT CATE	GORY			<u> </u>	
Landir	ng Gear			-	General						
	Bendi	Not Conce	entric to	o/s	Bend BOM/Route Broken/Damaged	Grain Hardwa	are ion Incomplete		Ovalized Over/Under Part Incorre		Pressure/Forced Temperature/Cure Weld
		ed/Crimpec	I		Burrs Contamination	Instruc	tions Incomplete/ enance	'Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Heat	reat ction Strip in	a Tuba		Countersink Cut Too Short	Mislabo Misrea		F	Positioned \	_	Other
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Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Work Order ID:

108235

Parent Item:

D4092-041

Parent Item Name:

Maintenance Step Assembly

Start Date: 10/08/13

Required Date: 10/08/13

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP REV:A NEW ISSUE 10-06-01 JLM VERIFIED BY:DD

639 II M. VERIFIED BY:DD

IPP REV:B AS PER ECN 11-

	639 JLM VERIFIE	ED BY:DD			·						
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Date Status Issued Issued DAS
D4092-1 Maintenance Step		Manufactured	No			100	Each	15.0000	2	8	13 / 1 20 989
•			,	Location		Loc Qty	Lo	c Code			
				GA		1					B107803(1X)
				778	352	1					
		•		ST241A		1					15108408(3
				743	303	1					
•				ST270A	244	13					
					2366 1962	12					, / DAS
)4093-1		Manufactured	No	107	7702	100	Each	2.0000	1		36
racket		Manufactured	110			100	Euch	2.0000	-		13/11/20 989
				Location		Loc Qty	Lo	c Code			/ /
				ST270		2					B108292(30
				996	553	2					DAS
4093-3		Manufactured	No			100	Each	8.0000	1	4	36
racket									-		13/11/20 989
				Location		Loc Qty	<u>Lo</u>	oc Code			
				ST270		8					B108202 3
				102	2880	8					
04093-5		Manufactured	No			100	Each.	12.0000	2	8	13/1/20
Fracket											13/11/20
				Location		Loc Qty	<u>L</u> c	oc Code			
				ST093		12		•			
					2780	4					B108179
				106	5014	8					
							-				(6)

											DQA.	Date	•
NCR: Y	es ,	/ No				WORK ORDER NON-C	ON	FORM	MANCE / UPI	DATE	QA Closed:	Date	·
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Root					Descri	ption of work order update	In	itial	Act	tion	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Chie	ef Eng	Descr	ription	Date	Verification	QC Inspector
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•	_	Bending				Bend		Grain			Ovalized		Pressure/Forced
	Щ°	Centre No	ot Concei	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
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	Щ	Crushed/	Crimped			Burrs	Ш	nstruct	ions Incomplete/l	Unclear	Part Lost/Mi	issing	Wrong Stock Pulled
	Щ°	Cuffs			_	Contamination		Mainte	enance		Part Moved		
		Heat Trea	it	•		Countersink		Mislabe	eled		Positioned V	Wrong	_
		nspectio	n Strip in	Tube		Cut Too Short		Misread	t		Power Loss/	'Surge	Other
		Ripples in	Bend			Drill Holes	\Box	Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

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Picklist Print

October-08-13 11:13:21 AM

Work Order ID:

108235

Parent Item:

D4092-041

Parent Item Name:

Maintenance Step Assembly

MS24694-S54 **SCREW**

Purchased

No

No

No

No

Start Date: 10/08/13

Required Date: 10/08/13

Start Qty: 4.00

Required Qty: 4.00

504.0000

32

Loc Qty Loc Code Location ST303

100

125535

124296

125535

504 504

113.0000

161.0000

DAS

Page 2

DAS

36

MS24694-S55 Screw

Purchased

ST303

ST303

Location

Loc Qty 113 61

100

100

100

Each

52

Each

Each

Loc Code

MS24694-S56

Purchased

Purchased

SCREW

Location Loc Qty Loc Code

> 161 121340 10 125535 51 m126400

100 1,395.0000 Each

Washer

NAS1149D0332J

Location Loc Qty ST293 37 37

125268 ST294 122973

1358 75 99 125044 m125807 1184 Loc Code

NCR: Y	es /	No				WORK ORDER NON-C	ON	IFORM	MANCE / UPI	DATE			
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Process								•					
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	Ве	nding		-		Bend	Ш	Grain			Ovalized		Pressure/Forced
	Ce	ntre No	t Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Cr	acks	-			Broken/Damaged	Ш	Inspecti	on incomplete		Part Incorred	it [Weld
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	He	eat Trea	t			Countersink		Mislabe	eled		Positioned V	Vrong	_
	in:	spection	n Strip in	Tube		Cut Too Short		Misread	d		Power Loss/	Surge	Other
	Ri	pples in	Bend			Drill Holes	П	Offset			-		
	To	rque W	aves in E	Extrusio	n	Drawing	П	Out of 0	Calibration				

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

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October-08-13 11:13:22 AM

Work Order ID: 108235 Parent Item: D4092-041 **Start Date:** 10/08/13 Required Date: 10/08/13 Parent Item Name: Maintenance Step Assembly Start Qty: 4.00 Required Qty: 4.00 MS21042L3 Purchásed No 100 Each 5,426.0000 12 48 Nut

	Location	<u>.</u>	Loc Qty	Loc Code	
	FP001		3		
		122141	3		
	GA		18	•	
		122452	18		
	ST314		304		
		111668	1		
		117885	32	•	,
		119017	55		
		119075	138		
		123265	43		
		M126036	35		
	ST506		1153		
		123900	849		
•		124291	304		
	ST510a		3948		
		M126275	21		
		M126333	3927		36

											DQA:	Date	:
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UPD	ATE	QA Closed:	Date	
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Cause		Date	Step	Qty	c	or Non-conformance	Cr	nief Eng	Descri	ption	Date	Verification	QC Inspector
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		Crushed/	'Crimped			Burrs	L	Instruct	ions Incomplete/U	nclear	Part Lost/M	issing	Wrong Stock Pulled
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	<u></u>	Heat Tre	at		<u> </u>	Countersink		Mislabe	eled		Positioned \	Nrong	-
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	i		Power Loss/	'Surge	Other
		Ripples in	n Bend			Drill Holes		Offset		-			

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

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											ITEM	QTY -041	PART NUMBER	DESCRIP	TION
											1	Х	D4092-041	MAINTENANCE STE	PASSEMBLY
											2	2	D4092-1	MAINTENANCE STEE	>
-	•										3	1	D4093-1	BRACKET	
İ											4	1	D4093-3	BRACKET	
D											5	2	D4093-5	BRACE	
1											6	12	MS21042L3	NUT	
											7	2	MS24694-S54	SCREW	
											8	8	MS24694-S55	SCREW	
ļ											9	2	MS24694-S56	SCREW	
į										,	10	12	NAS1149D0332J	WASHER	
c		6 10 (760	0)	2	2							
													1085	35 MLJ 13-10 18-10 18-10-10-2	
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MAINTENANCE STEP ASS'Y NTS

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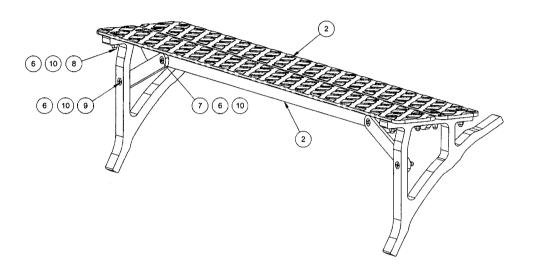
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ITEM	-042	P/N	DESCRIPTION
1	X	D4092-042	MAINTENANCE STEP ASSEMBLY
2	2	D4092-1	MAINTENANCE STEP
3	1	D4093-1	BRACKET
4	1	D4093-3	BRACKET
5	2	D4093-5	BRACKET '
6	12	MS21042L3	NUT
7	2	MS24694-S54	SCREW
8	8	MS24694-S55	SCREW
9	2	MS24694-S56	SCREW
10	12	NAS1149D0332J	WASHER

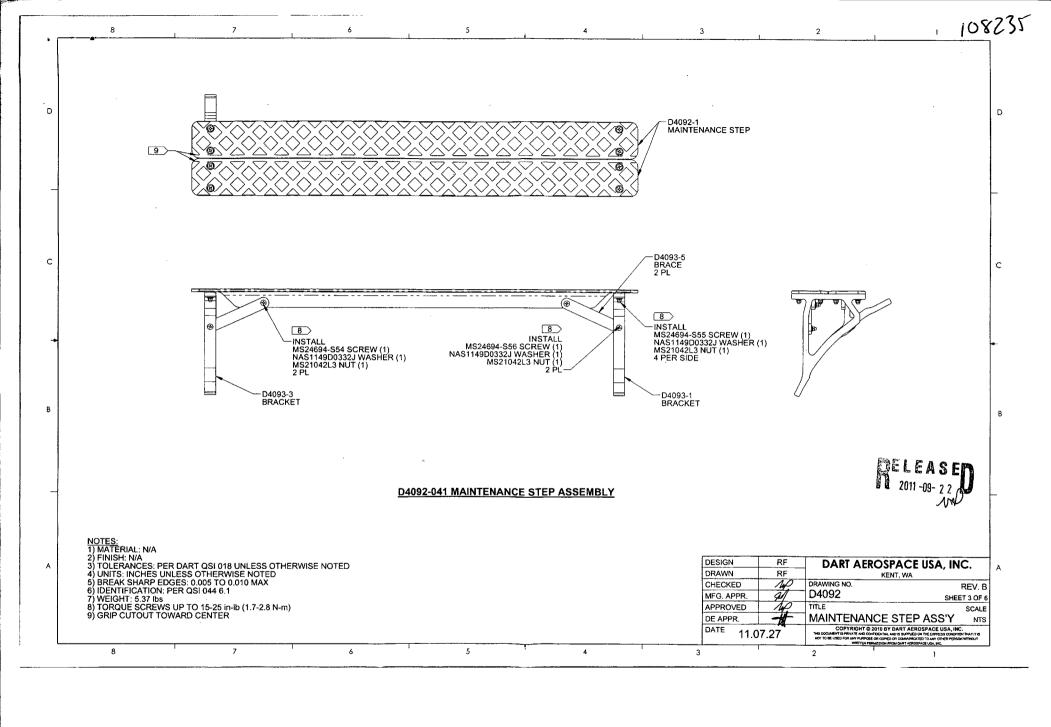


D4092-042 MAINTENANCE STEP ASSEMBLY

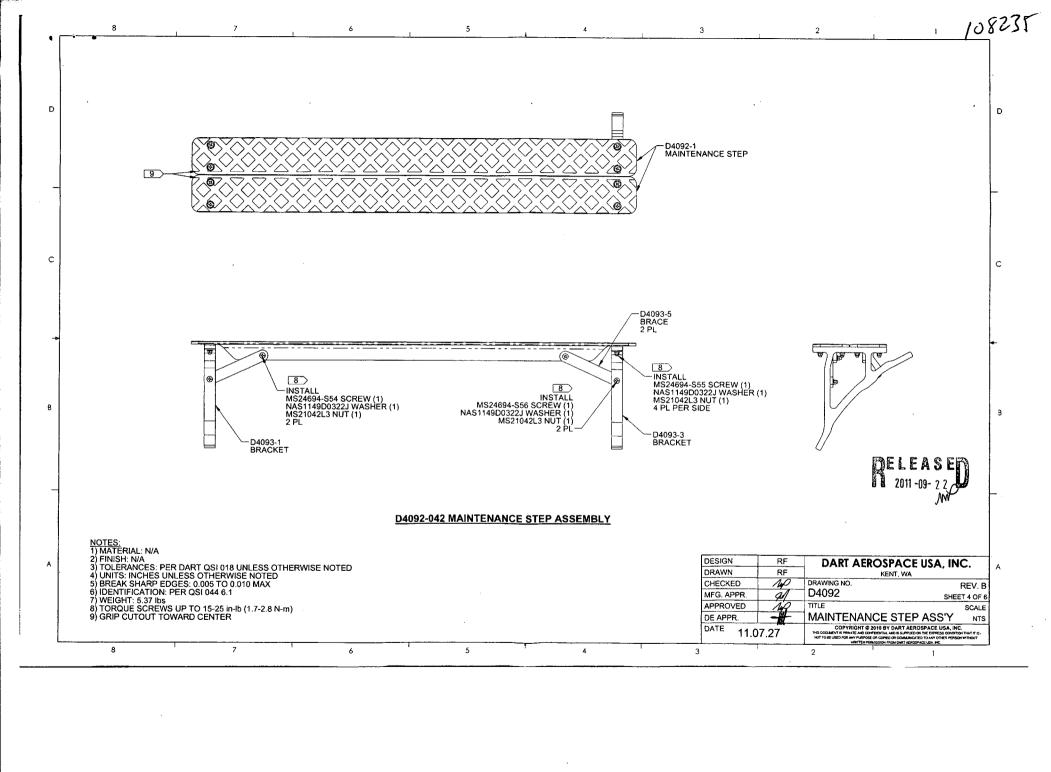


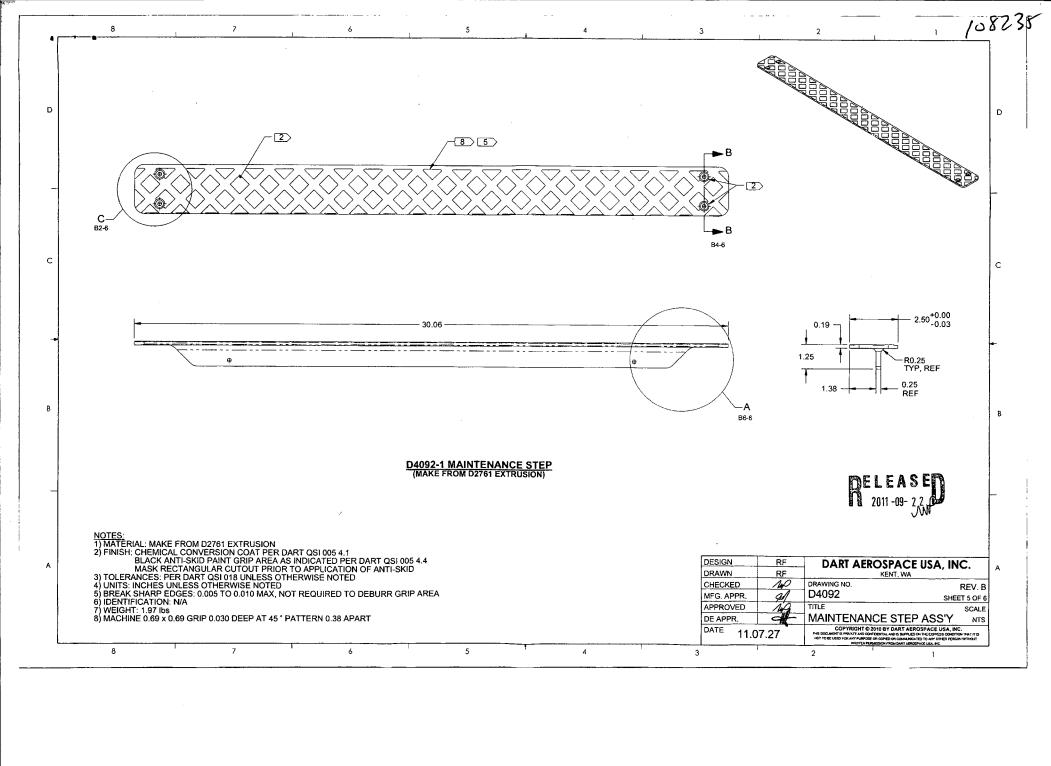
DESIGN	RF	DART AEROSPACE USA, INC	
DRAWN	RF	KENT, WA	
CHECKED	14	DRAWING NO.	REV. B
MFG. APPR.	91	D4092 SHEET	12 OF 6
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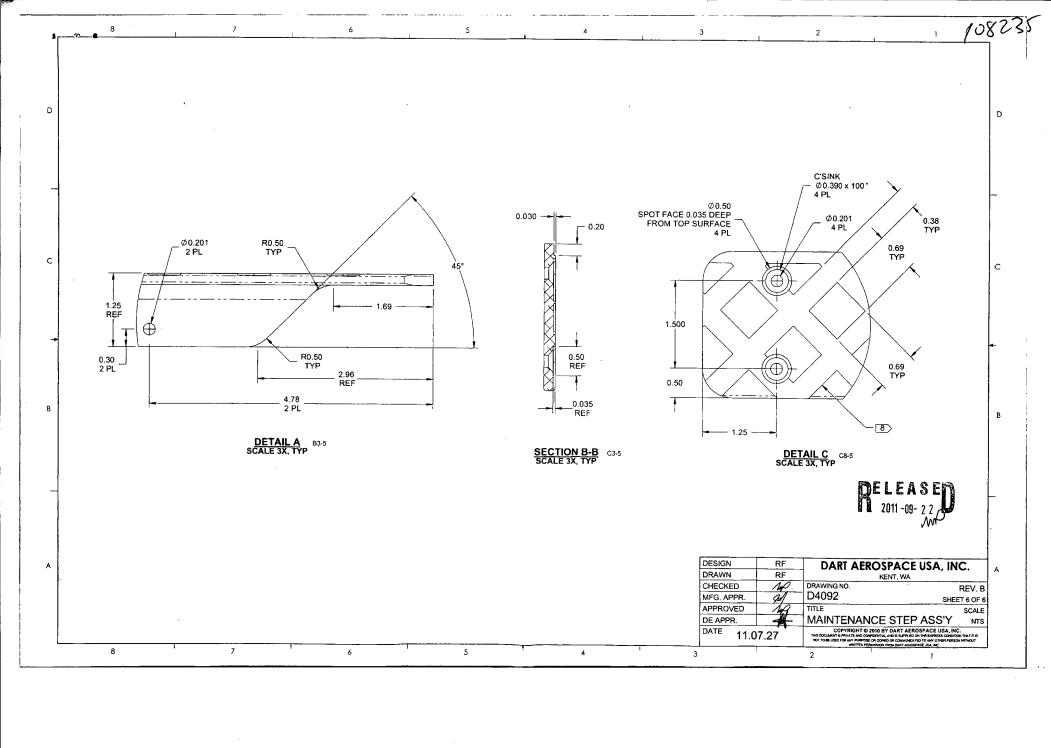


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